

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Flint Drinking Water Response



*Carol Staniec inputs data from a sequential sampling event*

**Subject:** SitRep #38  
Flint Drinking Water Response, Flint, MI  
**To:** Flint Drinking Water Response Distribution List  
**Through:** Mark Durno, Unified Command Liaison  
**From:** Ann Whelan, Situation Unit Leader  
  
**Date:** 2/29/16  
**Reporting Period:** 2/28/16, 1500 hours – 2/29/16, 1500 hours

- 1 **Introduction** The EPA has deployed a team to assist with the Flint Drinking Water Response. EPA is part of a Unified Coordination Group (UCG) with ASPR, CDC, and FEMA. Both ASPR and CDC are a part of HHS, which is the lead agency for this response.

**1.1 Incident Command Post** The EPA ICP, staging area, and Mobile Command Post (MCP) are located on the Kettering University campus at 1300 Bluff Street. The Unified Command Post UCP is at 125 E. Union St.

**1.2 Unified Coordination Group Senior Leadership Objectives**

- Provide immediate access to safe water
- Ensure the safety of and public confidence in the water supply
- Understand and address immediate health needs from potential lead exposure
- Mitigate other impacts of the water contamination crisis on the residents of Flint

- 2 **EPA Operational Objective**

- Ensure health and safety of the public and response personnel
- Collect, coordinate, manage, and communicate environmental and public health data
  - Determine the effects of reintroduced orthophosphate in reducing lead in the drinking water system through sequential & water quality sampling
    - Coordinate with EPA Office of Research and Development (ORD) system assessment of the drinking water system, including chlorine residual monitoring
      - Determine field efficacy of preventive measures
      - Respond to health agency requests for environmental sampling
      - Maintain effective communications with HHS, unified command, cooperating agencies, and the public
        - Determine a path forward with the community, coordinating agencies, Michigan Department of Environmental Quality (MDEQ), City of Flint, and health agencies to ensure the safe use of drinking water

- 3 **Activities During Reporting Period**

**3.1 UCG Representatives**

- Attended UCG daily coordination meetings
- Coordinated Federal agencies' meeting to discuss legionella assessment plans
- Coordinated with EPA operations staff to plan lead pipe removal for analysis

**3.2 Public Information**

- PIO facilitated media interviews between OW AA Joel Beauvais and reporters from the Associated Press and Michigan Public Radio. Interviews were scheduled to coincide with today's release of EPA's letter on the Lead and Copper Rule. The letter was sent to governors and state environmental groups.
- PIO worked with the Administrator's advance team to prepare for the Administrator's visit to Flint tomorrow.

- PIO is working on several public information products. Work includes making major revisions to the current Fact Sheet to simplify the content.

### 3.3 Community Involvement

Identified locations and route for EPA Administrator tour

EPA canvassing teams

- made contact at 26 facilities
- distributed 1575 fliers.
- identified 3 groups interested in EPA coming to speak to their meeting

Hosted HHS team member during filter grab sampling event and returned him to UCG

### 3.4 Task Force Safety Officer

No Injuries or near misses

### 3.5 Task Force Leader

Meet with city of flint to discuss initial lead service line removals

Observed Flint city water plant

### 3.6 Water Sampling Team

The Water Sampling Team performs diagnostic home investigations for sampling events to determine possible sources of lead contamination. Sampling investigations include residual chlorine sampling. Each sequential sampling investigation includes up to (21) 1-liter samples and up to (4) 125-milliliter samples; each grab sample investigation includes up to (3) 1-liter samples.

Residential Drinking Water Samples Collected					
	Filter Grab Samples	Sequential Samples	Health Complaint Samples	Bacteria	Total Bottles Collected
Daily	4	1	0	0	37
Total to Date	198	92	35	13	~2,513

### 3.7 ORD/OW Water Assessment

Residual chlorine is sampled Monday through Wednesday of each week. Samples are taken from a wide geographical area and from all sizes of pipe. 24 chlorine residuals samples are collected and combined with 10 chlorine residual data points collected by the water utility.

### 3.8 Data Management Team

- Continued working with the Water Sampling Team to finalize all data and sample anomalies to keep the SCRIBE database up-to-date.
- Finalized the automation of data from SCRIBE to GIS for update of the Internal and Public Viewers.
- Working with the FIELDS Group to update and prepare new iForms for future sampling events.

### 3.9 Logistics

- Provided logistics support throughout the day to include: Facilities Management, Shipping/Receiving of UPS items, Mobile Command Post operations, supplies, and IT support as needed.
- Picked up water filters from FEMA warehouse for water team to distribute to residents as needed.
- Turned in recyclables at Kettering University recycling center.
- Mobile Command Post is down and currently being worked on.
- Logistics Section Chief is transitioning from Borseth to Ursic.

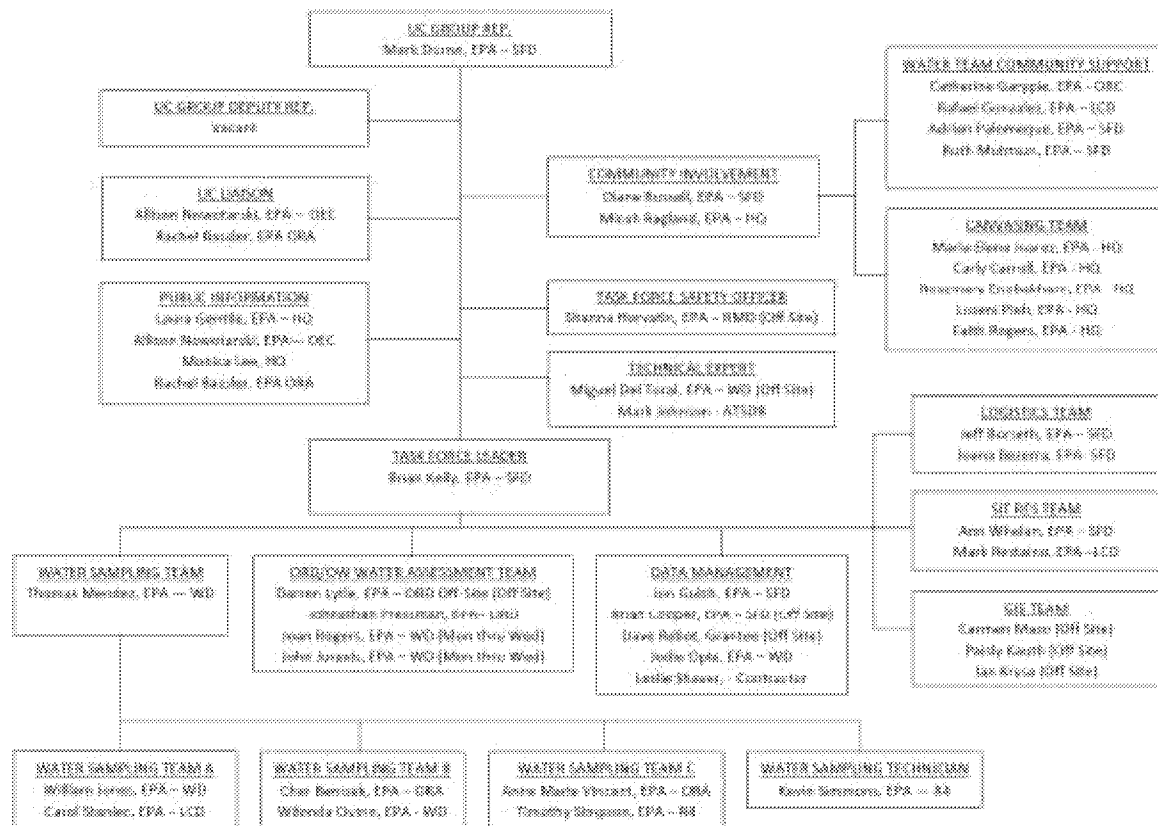
## 4 Staffing/Personnel

Personnel			
	On Site	Demobilized	Checked In
EPA	34	2	9
Contractors	1		
Total	35		

## 5 Definition of Terms

Acronym	Definition
ASPR	Assistant Secretary for Preparedness and Response
CDC	Centers for Disease Control
CIC	Community Involvement Coordinator
EOC	Emergency Operations Center
EPA	United States Environmental Protection Agency
FEMA	Federal Emergency Management Agency
GIS	Geographic Information System
HASP	Health and Safety Plan
HHS	Health and Human Services
HQ	Headquarters
ICP	Incident Command Post
IMT	Incident Management Team
LOGS	Logistics
MCP	Mobile Command Post
MDEQ	Michigan Department of Environmental Quality
MDHHS	Michigan Department of Health and Human Services
ORD	EPA Office of Research and Development
OW	EPA Office of Water
PIO	Public Information Office
SITL	Situation Unit Leader
SitRep	Situation Report
UCG	Unified Coordination Group
UCP	Unified Command Post

## 6 Appendix A: Organizational Chart



2/29/2018